

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

Date of Reporting: 2-Jan-17
System Reliability Indices Report for: 1-Jan-17

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	4	1.00	4.17
2	ER-NR	0	0.00	0.00
3	Import of NR	13	3.25	13.54
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 01-Jan-2017

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	796	755	775
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	741	764
	Moga	0.00%	100.00%	0.00%	0.00%	790	769	785
	Phagi	0.00%	100.00%	0.00%	0.00%	798	757	780
WR	Aurangabad	0.00%	99.79%	0.21%	0.21%	801	756	779
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	796	773	786
	Gwalior	0.00%	100.00%	0.00%	0.00%	798	758	779
	Sholapur	0.00%	97.64%	2.36%	2.36%	811	767	786
	Vadodara	0.00%	100.00%	0.00%	0.00%	797	762	784
SR	Nellore PS	0.00%	58.75%	41.25%	41.25%	812	788	799
	Raichur	0.00%	93.19%	6.81%	6.81%	809	775	790
	Thiruvallam	0.00%	11.94%	88.06%	88.06%	818	799	809
ER	Gaya	0.00%	100.00%	0.00%	0.00%	786	759	773
	Jharsuguda	0.00%	60.42%	39.58%	39.58%	807	785	798
	Ranchi	0.00%	100.00%	0.00%	0.00%	797	774	786
NER	Balipara (400 kV)	0.00%	99.17%	0.83%	0.83%	421	402	410
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	404	410
	Silchar (400 kV)	0.00%	91.94%	8.06%	8.06%	422	410	417

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.